

9/819459

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3/26/04A. 8 approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. 8 objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be supplied according to the instructions on the back of this notice.

## 1. DRAWINGS (37 CFR 1.84(a)) Acceptable categories of drawings:

Blank ink. Color.

Color drawings are not acceptable unless permission is granted.

Fig(s) \_\_\_\_\_

Printed and non-blank ink not permitted. Fig(s) \_\_\_\_\_

## 2. PHOTOGRAPHS (37 CFR 1.84(b))

If reference not required. Fig(s) \_\_\_\_\_

Photographs may not be mounted. 3449 (2/2/04)Poor quality (half-tones). Fig(s) 1-2

## 3. TYPE OF PAPER (37 CFR 1.84(c))

Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

Distortion, alterations, overexposure, underexposure.

Folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

Mylar, vellum paper is not acceptable (too thin).

Fig(s) \_\_\_\_\_

## 4. SIZE OF PAPER (37 CFR 1.84(f)) Acceptable sizes:

21.6 cm by 27.9 cm (8 1/2 in. x 11 in.)

21.6 cm by 27.9 cm (8 1/2 in. x 11 in.)

All drawing sheets are the same size.

Sheet(s) \_\_\_\_\_

Drawing sheets are not acceptable size. Fig(s) \_\_\_\_\_

## 5. MARGINS (37 CFR 1.84(g)) Acceptable margins:

Top 2.5 cm (1 in.) Left 2.5 cm (1 in.) Right 1.5 cm (5/8 in.)

Bottom 1.5 cm (5/8 in.)

Top 2.5 cm (1 in.) Left 2.5 cm (1 in.) Right 1.5 cm (5/8 in.)

Bottom 1.5 cm (5/8 in.)

Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_

Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

## 6. VIEWS (37 CFR 1.84(h))

REMEMBER: Specification may require revision to correspond to drawing changes.

Partial views (37 CFR 1.84(h)(2))

Back view needed to show figure as one entity.

Fig(s) \_\_\_\_\_

Views are labeled separately or properly.

Fig(s) \_\_\_\_\_

Enlarged view not labeled separately or properly.

Fig(s) \_\_\_\_\_

## 7. SECTIONAL VIEWS (37 CFR 1.84(h)(3))

Hatching not indicated for sectional portions of an object.

Fig(s) \_\_\_\_\_

Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

## 8. ARRANGEMENT OF VIEWS (37 CFR 1.84(i))

Views do not appear on a horizontal left-to-right fashion when page is either upright or viewed so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

## 9. SCALE (37 CFR 1.84(j))

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds its reproduction.

Fig(s) \_\_\_\_\_

## 10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS (37 CFR 1.84(k))

Lines, numbers &amp; letters not uniformly thick and well defined, clean, desirable, and black (poor line quality).

Fig(s) \_\_\_\_\_

## 11. SHADING (37 CFR 1.84(l))

Solid black areas pale. Fig(s) \_\_\_\_\_

Solid black shading not permitted. Fig(s) \_\_\_\_\_

Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

## 12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS (37 CFR 1.84(m))

Numbers and reference characters not plain and legible.

Fig(s) \_\_\_\_\_

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(m)(3)

Fig(s) \_\_\_\_\_

English alphabet not used. 37 CFR 1.84(m)(2)

Fig(s) \_\_\_\_\_

Numbers, letters and reference characters must be at least .02 cm (.008 in.) in height. 37 CFR 1.84(m)(2)

Fig(s) \_\_\_\_\_

## 13. LEAD LINES (37 CFR 1.84(n))

Lead lines cross each other. Fig(s) \_\_\_\_\_

Lead lines missing. Fig(s) \_\_\_\_\_

## 14. NUMBERING OF SHEETS OF DRAWINGS (37 CFR 1.84(o))

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

## 15. NUMBERING OF VIEWS (37 CFR 1.84(p))

Views not numbered consecutively and in Arabic numerals beginning with number 1. Fig(s) \_\_\_\_\_

## 16. CORRECTIONS (37 CFR 1.84(q))

Corrections not made from prior PTO-68 dated \_\_\_\_\_

## 17. DESIGN DRAWINGS (37 CFR 1.152)

Surface shading shown as appropriate. Fig(s) \_\_\_\_\_

Solid black shading not used for color contrast.

Fig(s) \_\_\_\_\_

## COMMENTS

- Fig 1 & 2 may be reproduced for clarity on black & white photographs developed on doubled weight photographic sheets

REVIEWER

DATE

4/5 2/17/02

TELEPHONE NO.

7033058404

ATTACHMENT TO PAPER NO. 4